

# (12) United States Patent

Song et al.

### (54) METHOD AND DEVICE FOR GENERATING ROBOT CONTROL SCENARIO

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### **ABSTRACT**

A method for generating a robot control scenario includes generating a judgement frame by a computational means, storing the judgement frame in a storage means, and displaying the judgement frame by receiving a situation cognition frame and an expression frame; generating a stage by the computation means, storing the stage in the storage means, and displaying the stage by selecting at least one judgement frame and at least one transition frame; and connecting a transition frame of one stage to another stage in at least two stages by the computation means, storing the connected stages in the storage means, and displaying the connected stages. According to the present invention, a robot exists within a close distance to people in a human living space, and can recognize a surrounding situation and infor-(Continued)

